ASSIGNING COMPUTATIONAL PROCESSES IN A COMPUTER
SYSTEM TO WORKLOAD MANAGEMENT CLASSES

5   ABSTRACT

Assigning computational processes in a computer system to workload management
classes that include installing on the computer system an executable file from a

10   software installation package. The software installation package typically includes a
specification of workload management properties for the executable file which in turn
includes a definition of a workload management class. Typical embodiments also
include executing a process in dependence upon the executable file and assigning the
process to the workload management class. In typical embodiments, the workload

15   management class definition also includes a class name, a priority ranking, and an
inheritance attribute. In typical embodiments, the specification of workload
management properties also includes minimum values and maximum values for CPU,
memory, and disk I/O shares for the executable file.